

PEEV, P.

"Valuable machine for our socialist viticulture" (p. 20)

"Experiment in the organization of bookkeeping and accounting on a collective farm" (p. 23)

KOOPERATIVNO ZEMEDELIE

(Ministerstvo na zemedeliето) Sofiya Vol 8 No 9 1953

SO: East European Accessions List Vol 2 No 7 Aug 1954

PEEV, P.

PEEV, P. Forms of cultural work for the masses in the Trade-Union
Organization of the Troyan Forest Service. p. 381. Vol. 12 no. 6
Oct. 1956 GORSKO STORAISTVO. Sofia, Bulgaria

SOURCE: East European Accessions (EEAL) vol. 6 no. 4 April 1957

PEEV, P.

PEEV, P.

AGRICULTURE

Periodical: SAMSUNY TRUDOVE. Vol. 5, 1957.

PEEV, P. Studies on the suitability for industrial use of the oak,
Quercus alba, located in our tall-trunked forests. 17.

Monthly list of Eastern European countries (1957), 1. V. 1, No. 2
February 1959, unclass.

PEEV, P.

"Science in aid to production."

p. 25 (Leka Promishlenost, Vol. 6, no. 8, 1957, Sofia, Bulgaria)

Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 8, August 1958

PERV, P.

The agronomist on the cooperative farms. p.10. KOOPERATIVNO
ZEMEDELIE. (Ministerstvo no zemedelieto) Sofia. Vol. 11, no.
6, June 1956

SOURCE: East European Accessions List, (EEAL), Library of
Congress, Vol. 5, no. 12, December 1956

DIMITROV, D., inzh.; PNEV, P., inzh.

Galvanoplastic methods in manufacturing standards for the control of surface roughness. Mashinostroeniye 12 no.1:27-31 Ja '63.

1. Mashinno-elektrotekhnicheski institut.

PEEV, P.

In the PLEVEN Radio Club. "RADIO" Ministry of Communications, #10:13:Oct. 55

PEEV, P.

PEEV, P. At the Radio Club of Pleven. p.13.

Vol. 4, no. 10, 1956

RADIO

TECHNOLOGY

Sofiya, Bulgaria

So: East European Accessions, Vol. 5, No. 5, May 1957

PEEV, P.

Conference of members of brigades. p. 9.

KOOPERATIVNO ZEMEDELIE, Sofiya, Vol. 11, no. 1, Jan. 1956.

SO: Monthly List of East European Accessions, (EEAL), IC, Vol. 5, No. 6 June 1956,
Uncl.

BALEWSKY, A. [Balevski, A.]; KALEV, L.; DIMOV, J. [Dimov, I.]; PEEV, P.

Criterion for the durability of cast iron in sharp temperature variations. Doklady BAN 17 no.10:945-948 '64.

KEVORKIAN, A., d-r inzh., dots.; PEEV, P., inzh.; TRIFONOVA, M.,
inzh., tekhn. nauch. sotrudnik

Studies on the unevenness of worsted semi-finished material.
Trud Inst tekstil prom 4:3-26 '63.

1. Machinery and Electrotechnical Institute. Member of the Board of Editors, "Trudove na Nauchnoizsledovatel'skii institut po tekstilna promishlenost" (for Kevorkian).
2. Director, Scientific Research Institute of the Textile Industry (for Peev).

PEEV, Petur, inzh.

Setting up an appropriate method for determining the ripeness of cotton. Tekstilna prom 13 no. 1: 3-6 '64.

1. Director, Scientific Research Institute for Textile Industry.

PEIW, V.

"Keramishna tekhnologiya za I kurs na tehnikantite po keramika i steklarstvo.
Sofiya (Narodna prosveta) 1952. 100 p. (The technology of ceramics; a textbook
for the 1st course of the technical schools in ceramics and glasswork.)"

SO: East European, I. C. Vol. 2, No. 12, Dec. 1953

BOJCHEV, F., inzh., INKORSKI, M., inzh., PEREV, V., inzh.

Operation of the gas open-hearth furnaces fed with compressed
air. Min delo 17 no.11 22-23 D '62.

L. Khimiko-tekhnologichen institut.

PEEV, V.

Meliorations in Italy. p. 53.

(Socijalisticke zemjedelstvo, Vol. 6, No. 11, Nov. 1956, Skopje, Yugoslavia)

SO: Monthly List of East European Accessions (EEAL) Lc/ Vol. 6, No. 8, Aug 1957. Uncl.

VELEV, V., inzh.; PEEV, V., inzh.

Filling the floors and walls of dolomite electric furnaces.
Min delo 18 no.3:27-28 '63.

1. Metalurgichen zavod "Lenin."

LINGORSKI, N., inzh.; PEEV, V., inzh.; KRUSTENIAKOV, I., inzh.;
PEEVA, R., inzh.

Operating conditions of electric arc furnaces in the Lenin
Metallurgic Plant. Min delo 18 no.5:18-20 My '63.

FEEVA, A.

"Temperature Dependence of a Self-extinguishing Geiger-Muller Counter." p.158
(GODISHNIK, MATEMATIKA I FIZIKA, Vol. 47, no. 1, pt. 2, 1950/51-1951/52, Sofiya.)

SO: Monthly List of East European Accessions, Vol.3, No. 3, Library of Congress,
March ~~1953~~, Uncl.
1954

PELVA, A.

Markov, p., Vranski, V., reeva, A. "The Penetration of "aylight into Stalin Lake."
p. 147 (GODISHNIK, MATEMATIKA I FIZIKA, Vol. 47, no. 1, pt. 2, 1950/51-1951/52,
Sofiya.)

SO: Monthly List of East European Accessions, Vol. 3, No. 3, Library of Congress,
March 1954, Uncl.
1954

L 46635-66 ENT(m)/T IJP(c)

ACC NR: AP6026271

SOURCE CODE: BU/0011/65/018/007/0619/0621

AUTHOR: Peewa, A.; Minkova, A.

ORG: Faculty of Physics, Sofia University

TITLE: Study of the dead time of self-quenching Geiger counters |9

SOURCE: Bulgarska akademiya na naukite. Doklady, v. 18, no. 7, 1965, 619-621

TOPIC TAGS: Geiger counter, temperature dependence, pressure effect

ABSTRACT: Following the A. G. Stever method (Phys. Rev., 61, 1942, 38), the authors studied the temperature dependence of the dead time of three self-quenching Geiger counters of identical geometry (cylindrical brass cathode with a 20 mm diameter and a tungsten anode-wire with a 0.2 mm diameter) and alcohol/argon gas mixtures in a ratio of 1:10, but under 7/70, 10/100, and 15/150 pressures. Results show that 1) the dead time decreases with temperature; 2) the temperature dependence of dead time is larger with higher pressures and weaker overvoltages; and 3) the dependence of dead time on pressure and overvoltage is much more pronounced at two temperatures. This paper was presented by Corresponding Member BAN E. Djakov on 25 March 1965. Orig. art. has: 2 figures. [Orig. art. in Eng.] [JPRS: 33,545]

SUB CODE: 18 / SUBM DATE: none / OTH REF: 004

Cord 1/1

JGS

0976

1825

L 23460-66 T

ACC NR: AT6004212

SOURCE CODE: BU/2503/65/013/001/0215/0219

AUTHOR: Markov, P. K.; Peava, A. T.

ORG: none

TITLE: Charge exchange p-n interaction at 6.2 GeV

SOURCE: Bulgarska akademiya na naukite. Fizicheski institut. Izvestiya na Fizicheskiya institut s ANEB, v. 13, no. 1, 1965, 215-219

TOPIC TAGS: nuclear emulsion, photographic emulsion, charge exchange, pn interaction, proton beam, synchrophasotron

ABSTRACT: Using the Dubna Synchrophasotron two nuclear photo-emulsion stacks were exposed to a 6.2 GeV proton beam perpendicularly to the surface of the layers. The upper limit for the cross section of the charge exchange p-n interaction in the region $1.3 - 10.5^\circ$ cms was determined to be $\sigma_{ch.ex.} = 0.23 \pm 0.06$ mb. The authors thank V. Y. Vakaler, director of the high energy laboratory of OIYAI, Dubna, for making available photoemulsion materials.

Card 1/2

L 23460-66

ACC NR: AT6004212

Orig. art. has: 2 formulas, 2 figures, 1 table. [Based on author's abstract]

SUB CODE: 20,18,07/ SUBM DATE: none ORIG REF: 002/
SOV REF: 002/

Card 2/2 *ULB*

MILCHENOV, Kh.; PENNA, I.

On the incidence of thyroid cancer. Folia med. (Plovdiv) 7: 44-46 1965

1. Vysshiy meditsinskiy institut imeni I.P. Pavlova, g. Plovdiv, Bulgariya, Kafedra na 2. plomene yantimil (vseshtenost na 2. plomene yantimil prof. Yu. Todorov).

L 4364-605

ACC NR: AP5028421

SOURCE CODE: BU/0011/65/018/001/0039/0041

AUTHOR: Mihajlov, M.; Peeva, N.; Dirlikov, S.

ORG: Institute of Organic Chemistry of the Bulgarian Academy of Sciences (Institut für organische Chemie an der Bulgarischen Akademie der Wissenschaften)

TITLE: Production of pyromucic acid from furfuraloxime

SOURCE: Bulgarska akademiya na naukite. Doklady, v. 18, no. 1, 1965, 39-41

TOPIC TAGS: carboxylic acid, organic amide, catalysis, pyromucic acid

ABSTRACT: [German article] While hydrating the furfuraloxime over reduced copper at 200 °C, Sh. Jamaguchi (O. A., 1927, 75) was the first to observe the appearance of the amide of the pyromucic acid (some 6%). R. Paull noted subsequently (Bull soc. chim., 4, 1115) that furfuraloxime (and some other aldoximes with hydrogen) become converted into amides in presence of the Raney-Nickel-Catalyzer. Next, O. Bryson and F. Dwyer (O. A., 1941, 4768) showed that the 3-furaloxime becomes converted into the amide of the furan-3-carbonic acid whenever it is boiled in benzene with 5% of its complex nickel salt - $\text{Ni}(\text{CN} - (\text{HOCH}_2)_2)_2$. Consequently, the authors proceeded to study first the catalytic action of the Chugaev reagent, and then investigated the feasibility of a direct catalytic action of anorganic nickel salts. The

Card 1/2

L 4364-64

ACC NR: AP5028421

results turned out positive and are tabulated together with data about the solvent used and other conditions of the reaction. The pyromucic acid was best isolated from water and purified by recrystallization. The proposed method for the production of pyromucic acid is both economical and suitable for industrial application. The work was presented by E. Kurtev, Corresponding Member, 28 Aug 64. Orig. art. has: 1 table. JPRS

SUB CODE: OC, GC / SUBM DATE: 28Aug64 / OTH REF: 0030 / UMI REF: 003

NC
Card 2/2

PEEVSKI, Vasil, prof.

International Symposium on Geodesy. Nauch zhivot 7 no.4:18-19
O-D '64.

PEENSKI Wasil, prof. (Sofia)

Development of geodetic works in Bulgaria. Przegl geod 32 no.10:
353-357 0 '60.

PEFFEK, Rudolf

Mass poisoning with carbon monoxide. Prac. lek. 17 no.1:24-25
Ja '65

1. Oddeleni hygieny prace (ved. prom. lek. R.Peffek). Aresni
hygienicko-epidemiologicke stanice v Usti nad Labem (vedouci
prom. lekar L. Cernohorsky).

PEFTI, I.D.; KOKKOZOV, O.A.; BAYZAKOV, U.B.

Reduction of endemic goiter in the eastern regions of the Chu
Valley of the Kirghiz S.S.R. during a 12-year period. Izv. AN
Kir. SSR. Ser. Biol. nauk 2 no.6:5-16 '60. (MIRA 14:6)
(CHU VALLEY—GOITER)

AKHUNBAYEV, I.K.; PEFTI, I.D.

Dynamics of the decrease of endemic goiter incidence in Osh Province. Izv. AN Kir. SSR. Ser. biol. nauk 5 no.3: 59-63 '63.

Decrease of the incidence of endemic goiter in some regions of the former Dzhalsal-Abad Province. Ibid.:65-67

State of endemic goiter on the territory of the former Chon-Aryk Village Soviet in the Chu Valley. Ibid.:69-70 (MIRA 17:1)

PEFTI, I.D.

Malignant adenoma of the accessory lobe of the thyroid gland.
Izv. AN Kir. SSR. Ser. biol. nauk 2 no.6:27-29 '60. (MIRA 14:6)
(THYROID GLAND--CANCER)

PEFTI, I.D.

Reduction of thyroid endemia in the Talas Valley. Izv. AN Kir.
SSR. Ser. biol. nauk 2 no.6:31-35 '60. (MIRA 14:6)
(TALAS VALLEY--GOITER)

PEFTI, I.D.; KOKKOZOV, O.A.

Clinical characteristics of endemic goiter in the Issyk-Kul'
Valley. Izv. ~~AN~~ Kir. SSR. Ser. biol. nauk 2 no.6:37-40 '60.
(MIRA 14:6)
(ISSYK-KUL' VALLEY—GOITER)

I 21299-66 EWP(e)/EWP(t)/EWP(k) IJP(c) JD/AM/PM

ACC NR: AP5022620

SOURCE CODE: PO/0045/65/028/001/0061/0071

AUTHOR: Sujak, B.; Gieroszynski, A.; Pega, E.

ORG: Laboratory of Stimulated Electron Emission, Institute of Experimental Physics,
Wroclaw University (Zaklad Wzbudzonej Emisji Elektronow przy Katedrze Fizyki
Doswiadczalnej, Uniwersytetu Wroclowskiego)

TITLE: Effect of oxide barrier layer and measuring parameters on the initial
deformation ϵ_0 yielding photostimulated exoelectron emission in vacuum from
plastically deformed aluminum

44.55 44.55, 21

SOURCE: Acta physica polonica, v. 28, no. 1, 1965, 61-71

TOPIC TAGS: plastic deformation, deformation rate, aluminum, electron emission,
parameter, oxide, specialized coating

ABSTRACT: The paper deals with induced photostimulated emission of electrons
(Exoelectrons) accompanying plastic deformation of aluminum in vacuum. Emission
intensity was measured with a 15-stage Allen-type electron multiplier with Cu-Be
dynodes. In vacuum of 10^{-5} mm Hg, plastic deformation of aluminum was found to be
accompanied by photostimulated emission of electrons whose intensity grew with the
deformation up to the failure of the specimen, when emission decayed with time.
The kinetics of emission, both during deformation and subsequent to it, resembles
that of exoelectron emission into an atmosphere of air. The value of the initial
deformation, ϵ_0 at which exoelectron emission sets in, is shown to depend on the
Card 1/2

L 21299-66

ACC NR: AP5022620

following factors: a) the thickness D of the oxide barrier layer coating the aluminum specimen; b) the external accelerating field strength E ; c) the intensity I of the light beam stimulating emission; d) the time θ during which the specimen had been annealed; and e) the time of ageing v subsequent to heating. The results show that the electrically charged walls of the micro-cracks in the oxide layer coating the metal are the factor controlling the emission from the transitional metal-oxide layer. Orig. art. has: 10 figures and 10 formulas. [Author's abstract.]

SUB CODE: 11,20 SUBM DATE: 31Dec64/ OTH REF: 014/

Cord 2/2

POLAND

REGA, Erhard
NAVALOWICZ, Jerzy; REGA, Erhard; SUJAK, Bohdan

1. Low Temperature Laboratory, Institute of Physics, Polish Academy of Sciences (Zaklad Niskich Temperatur Instytutu Fizyki PAN), Wroclaw (for Navalowicz); 2. Dept. of Experimental Physics, Univ. of Wroclaw (Katedra Fizyki Doświadczalnej Uniwersytetu Wroclawskiego) (for Rega and Sujak)

Warsaw, Przegląd elektroniki, No 8, Aug 1966, pp 402-406

"Behavior of some Polish resistors in liquid helium temperatures."

ACC NR: AP7003278

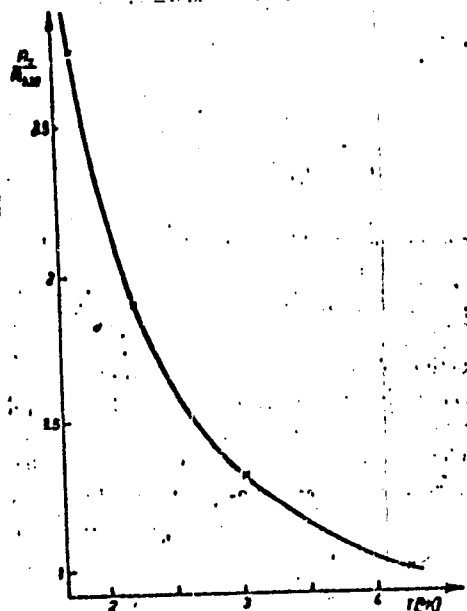


Figure 1. Relative resistance of a silicon sample versus temperature. (R_T is the resistance at the temperature T , $R_{4.22}$ — the resistance of the boiling point of helium)

Card 2/3

ACC NR: AP7003278

B being approximately constant between 3K and 1.8K and decreasing between 3 and 4.2K. Extrapolation of the calibration curve indicated the possibility of using the silicon thermometer to 0.6K, where resistance would reach the order of 10^4 ohms. Orig. art. has: 1 figure and 1 formula. [26]

SUB CODE: 2014/ SUBM DATE: 23Jun66/ ORIG REF: 002/ OTH REF: 004/ SOV REF: 003
ATD PRESS: 5114

Cord 3/3

L 45178-66 EWP(t)/ETI IJP(c) JD/WW
ACC NR: AP6026995 SOURCE CODE: PO/0045/66/029/005/0631/0641

AUTHOR: Rafalowicz, J. ; Pega, E. ; Sujak, B.

ORG: [Rafalowicz] Low Temperature Laboratory, Institute of Physics, Polish Academy of Sciences, Wroclaw (Zaklad Niskich Temperatur Instytutu Fizyki, PAN);
[Pega; Sujak] Institute of Experimental Physics, Wroclaw University, Wroclaw
(Katedra Fizyki Doswiadczalnej Uniwersytetu Wroclawskiego)

TITLE: On the temperature jump between the surface of an overheated thermometric carbon resistor and helium-I bath

SOURCE: Acta physica polonica, v. 29, no. 5, 1966, 631-641

TOPIC TAGS: helium bath, carbon resistor

ABSTRACT: Starting with the radial distribution function of temperature for a volume-heated solid cylinder, a formula was derived for the effective temperature jump between the surface of an overheated specimen and the helium-I bath

$$\Delta T = (T_{ef} - T_{HeI}) - \frac{Q}{4\pi\lambda a T_{ef}^2}$$

Card 1/2

PEGAN, B.

PEGAN, B.; SPOLJAR, M.

Early diagnosis and modern therapy of malignant tumors of the upper jaw and nose. Radovi Med. fak. Vol.1:112-119 1953.

1. Otorinolaringoloska klinika (predstojnik: akademik prof. dr. B.Gusic) i Radioloski institut Medicinskog fakulteta u Zagrebu (predstojnik: prof. M.Smokvina)

(MAXILIA, neoplams

*early diag. & ther.)

(NOSE, neoplasms

*early diag. & ther.)

PEGAN, Boris, dr.; BRATELJ, Zorislav

Foreign bodies in the lower segment of the respiratory tract
in children. Med. glas. 17 no.8:315-317 Ag-S'63

1. Otoloski i Dječji odjel Opće bolnice u Osijeku.

PEGAN, BORIS

PEGAN, Boris

Bell's paralysis of the facial nerve. Radovi Med. fak. Vol.2:
221-223 1953.

1. Otorinolaringoloska klinika Medicinskog fakulteta u Zagrebu
(predstojnik: akademik prof. dr. B.Gusic). (Primljeno 9.I.1953)
(NERVES, FACIAL, paralysis
*Bell's palsy, surg.)

PEGAN, BORIS

GUSIC, Branimir; PEGAN, Boris

Effect of gastrostomy on general development of infant following corrosion of the esophagus. Radovi Med. fak. Vol.1:19-26 1954.

1. Iz Otorinolaringoloske klinike Medicinskog fakulteta u Zagrebu, predstojnik akademik prof. dr. Branimir Gusic; primljeno 22.X.1953.

(ESOPHAGUS, stenosis

*surg., esophagogastronomy in child.)

(STOMACH, surg.

*esophagogastronomy, in esophageal stenosis in child.)

PEGANOV, A. A. Cand. Tech. Sci.

Dissertation: "Fundamentals of Plastering Techniques." Academy of Architecture USSR,
24 Jan 47.

SO: Vechernyay Moskva, Jan, 1947 (Project #17836)

VELIKOVSKAYA, Ye.M.; VELIKOVSKIY, D.S.; PEGANOV, A.A.; DOBRYAKOVA, L.I.;
KUROCHKINA, Z.V.; LISOVSKIY, I.I.

Synthetic drying oils. Patent U.S.S.R. 77,050, Dec.31, 1949.
(Ga 47 no.19:10244 '53)

PEGANOV, F., avtomekhanik (Moskva); KAZARIN, I., inzh.:
POMOROV, Yu., inzh. (Petrozavodsk); UGOL'NIKOV, A.; YEREMOV, A.,
izobretatel' (Leningrad); ASTRAKHANTSEV, V., ratsionalizator;
SHIPITSYN, V., master

Suggested, created, introduced. Izobr.i rats no.10:20-21
0 '62. (MIRA 15:9)

1. Bol'shaya ivanovskaya manufaktura, g. Ivanovo (for Kazarin).
2. Chlen soveta Vsesoyuznogo obshchestva izobretateley i
ratsionalizatorov Moskovskogo pochtanta (for Ugol'nikov).
3. Vyksunskiy metallurgicheskiy zavod, Gor'kovskaya oblast'
(for Astrakhantsev). 4. Avtoremontnyy zavod, mekhanicheskiy
uchastok, Krasnoyarsk (for Shipitsyn).
(Technological innovations)

PARAMONOV, G.A., inzh.; PICHUGIN, A.A., kand.tekhn.nauk; VANEYEV, V.A.,
inzh.; KUZ'MINSKIY, A.G., inzh.; CHUYKO, A.V., kand.tekhn.nauk;
VRUBLEVSKIY, L.Ye., inzh.; FURMAN, A.Ya., inzh. [deceased];
PREGANOV, G.N., inzh.; SHEFANOV, A.S., inzh.; DMITRIYEV, P.A.,
kand.tekhn.nauk; IVANOV, I.A., kand.tekhn.nauk; TEMKO, Yu.P.,
dotsent; SOKOLOV, P.K., dotsent; KANYUKA, N.S., kand.tekhn.nauk;
SHPAKOVSKAYA, L.I., red.; GOSTISHCHEVA, Ye.M., tekhn.red.

[Handbook for the master builder on the technology of general
building operations] Spravochnik мастера-stroitel'ia po tekhnologii
proizvodstva obshchestroitel'nykh rabot. 2. izd.perer. i dop.
Novosibirsk, Novosibirskoe knizhnoe izd-vo, 1961. 713 p.

(MIRA 15:2)

(Building)

PEGASHEV A.P.

PEGASHEV, A.P., fel'dsher (selo Vilavato, Mariyskaya ASSR)

~~_____~~ Fel'dsher P.K.Ushatov. Fel'd. 1 akush. no.2:58 F'55.
(USHATOV, PRTR KUZ'NICH)

(MIRA 8:4)

PEGASHEV, A.P., fel'dsher (Poselok Surek, Mariyaskaya ASSR)

The feldsher health station in the prevention of accidents. Fel'd.
1 akush. 21 no.6:33-34 Je '56. (MIRA 9:9)
(ACCIDENTS—PREVENTION)

1ST AND 2ND SUBJECTS										PROCESSING AND PROPERTY NOTES										1ST AND 2ND SUBJECTS									
CA																				11E									
PEG-EL, V. A																													
The vitamin value of cedar nuts (<i>Pinus corbora</i> L. var <i>sibirica</i> Rupr.) 1. B vitamin content. V. A. Pegel <i>Proc. V. V. Kishlyak. State Univ. Tomsk</i> 197, 101 <i>Proc. V. V. Kishlyak. State Univ. Tomsk</i> 197, 101 (1943).—Nuts (0.5 g.) added to the basal diet of pigeons delays avitaminosis; 1.0 g. daily prevents it com- pletely. 2.0 g. causes an increase in wt. and 3.0 g. cures polynucritis. A diet consisting solely of the nuts results in growth. The inner skin of the nut contains no vitamin. The amount of cedar nuts required by man to prevent beriberi is 200-300 g. F. H. Rathmann																													
ASAC SLA METALLURGICAL LITERATURE CLASSIFICATION																													

PEGEL', V. A.

Mbr., Tomsk State University, -1947-

"The Physiology of Digestion in Fish," Dok. AN, 56, No. 7, 1947

PEGEL', V.A.; REMOROV, V.A.

Effect of cooling and heating of water on the electrocardiogram and oxyhemoglobin content in the blood of fishes adapted to a certain temperature of the environment. Nauch. dokl. vys. shkoly; biol. nauki no.3:54-57 '63. (MIRA 16:9)

1. Rekomendovana kafedroy fiziologii cheloveka i zhivotnykh Tomskogo gosudarstvennogo universiteta im. V.V.Kuybysheva.
(Temperature—Physiological effect)
(Cardiovascular system—Fishes)

LA PEGEL, V. A.

11 H

Action of Lebyash's mineral water on the secretory action of dog stomach. V. A. Pegel and A. E. Gol'dman. *Uchenye Zapiski Tomsk. Gosudarst. Univ. im. V. V. Kuibysheva* 1948, No. 8, 89-100. -- Lebyash's mineral water is a carbonate-chloride type water, solids contg. 17 Na_2CO_3 , 24.7 NaHCO_3 , 0 Na_2SO_4 , 0.7 MgCl_2 , and 47.9% NaCl , and traces of Ca . Introduction into dog stomach does not stimulate the act of secretion, and actually hinders secretion in Pavlov pouch, decreases acidity and enzymic effectiveness of the secretion, but increases output of mucus. G. M. Kosolapoff

PEGEL, V. A.

HD V Effect of different concentrations of caffeine and adrenaline on the cardiac and respiratory systems and the interrelation of these drugs in rabbits. V. A. Pegel, Z. M. Silant'eva, and K. A. Lukovskaya. *Trudy Tomsk. Univ.* 123, 139-59(1953); *Referat. Zhur., Khim.* 1954, No. 41-642.—The optimal dose of caffeine (I) for rabbits is 1.5 ml. of a 5-6% soln.; the optimal dose of adrenaline (II) seems to be the concn. of II which is normally found in blood. Interrelation between I and II in the effect on the cardiac and respiratory systems of the organism is discussed.

B. Wierwicki

(2)

USSR/Human and Animal Physiology - (Normal and Pathological). T.
General Problems.

Abs Jour : Ref Zhur - Biol., No 7, 1958, 31349

Author : Pegel', V.A.

Inst : -

Title : Relationship of Functions and Their Changes in Animals.

Orig Pub : Tr. Tomskogo un-ta, 1956, 143, 5-14.

Abstract : The relationship of functions (RF; of breathing and activity of the heart, of motor and digestive activity of the digestive tract etc). In coldblooded (CB) and warmblooded animals (WB) is disturbed during changes of the temperature of the body above or below the optimum, during the introduction of solutions of adrenalin urea and other solutions above a determined concentration. The range of changes during which RF remains unchanged is broader in CB than in WB animals. Any stimulant, if the strength of its activity exhausts the adaptive potentialities of the organism

Card 1/2

USSR/Human and Animal Physiology - (Normal and Pathological). T.
General Problems.

APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001239820009-7"

Abs Jour : Ref Zhur - Biol., No 7, 1958, 31349

for preservation of the permanency of RFm and leads to their disturbance, must be considered harmful. Lower strengths of the stimulants call forth a tonic and stimulating activity. The principle of RF must be accepted during the development of a scientific basis of the dosage of medicinal substances.

Card 2/2

USSR/Human and Animal Physiology. Thermoregulation.

T-3

Abs Jour: Ref Zhur-Biol., No 12, 1958, 55376.

The author explains the test results obtained with the first group on the basis of the thermoregulatory mechanism's underdevelopment. The thermoregulatory mechanism had already begun to function in the animals of the second group, however, although it still is so imperfect that it is not capable of defending the organism against the effects of temperature factors.

Card : 2/2

USSR/Human and Animal Physiology. Digestion.

v

Abs Jour: Ref. Zhur-Biol., No 6, 1958, 27029.

Author : V.A. Pegel'

Inst : The University of Tomsk.

Title : The Phylogenesis of the Periodic Activity of the Digestive Glands Seen During Hunger.

Orig Pub: Tr. Tomskogo un-ta, 1956, 143, 69-80.

Abstract: The secretion of bile and pancreatic juice by frogs under narcosis and by fish without narcosis in various degrees of hunger continued almost without interruption. The interruptions were irregular and apparently were explainable on the basis of imperfections in the method--the clogging of a capillary fixed for recording the release of the secretion in the ducts of the glands or in an isolated portion of the intestine. It is suggested

Card : 1/2

48

USSR/Human and Animal Physiology - Digestion.

T-7

Abs Jour : Ref Zhur - Biol., No 7, 1958, 31851

Author : Pegel', V.A., Gutnikova, M.N.

Inst : _____

Title : On the Comparative Physiology of the Action of Vegetal Secretins on Hunger Secretions of Pancreatic Juice in Vertebrates.

Orig Pub : Tr. Tomskogo un-ta, 1956, 143, 81-90.

Abstract : In an acute experiment in a dog, the secretin-like substance (I) of the nettle during its introduction into the vein increased the secretion of the juice of the pancreas (P) for 10 minutes by 12 times; I of nitella by 4 times, and I of pond-weed by 8.3 times. In a lake frog Rana ridibunda, I of the nettle and pondweed increased juice emission (for 30 minutes) 1.8 times, I of nitella - 1.5 times. In the stomachless dace fish Leuciscus leuciscus baicalensis I of nettle increased the emission of juice

Card 1/2

PEGEL, V. A.

U.S.S.R. / Human and Animal Physiology. Liver.

T

Abs Jour: Ref Zhur-Biol., No 5, 1958, 22279.

Author : Pegel, V. V.

Inst : Tomsk University.

Title : Motor Activity of the Biliary Excretory System of the Liver Under the Effect of Stimulation of the Receptors of the Urinary Bladder.

Orig Pub: Tr. Tomskogo un-ta, 1956, 143, 265-274.

Abstract: Fistulae of the biliary common duct and of the urinary bladder were established consecutively in dogs, the motor activity of the biliary excretory system of the liver (BES) was determined by the method of fractional analysis described by Larin. During the first 5-9 days following the establishment of the fistula in the urinary bladder, milk and meat feed-

Card 1/2

8(0)

SOV/112-59-4-6395

Translation from: Referativnyy zhurnal. Elektrotehnika, 1959, Nr 4, p 1 (USSR)

AUTHOR: Ioganzen, B. G., and Pegel', V. A.

TITLE: Fifth Through Seventh Scientific Conferences of the Tomsk University

PERIODICAL: Uch. zap. Tomskiy un-t, 1957 (1958), Nr 30, pp 145-152

ABSTRACT: Bibliographic entry.

Card 1/1

PEOML', V.A., doktor biol.nauk

Mechanism of the secretion of pancreatic juice in fishes. Trudy sov.
Ikht.kom. no.8:171-178 ' 58. (MIRA 11:11)

1. Kafedra fiziologii cheloveka i zhivotnykh Tomskogo universiteta
imeni V.V. Kuybysheva.
(Digestive organs--Fishes) (Pancreas--Secretions)

PECEL, V.A.; REMOROV, V.A.

Physiological mechanism of adaptation of fishes to environmental temperatures. Nauch.dokl.vys.shkoly; biol.nauki no.3:86-89 '59.
(MIRA 12:10)

1. Rekomendovana kafedroy fiziologii cheloveka i zhivotnykh Tomskogo gosudarstvennogo universiteta im. V.V.Kuybysheva.
(FISHES) (TEMPERATURE--PHYSIOLOGICAL EFFECT)
(ADAPTATION (BIOLOGY))

IOGANZEN, B.G., OKUNTSOV, M.M.; PEGEL', V.A.

Interrelationships of chemistry and physics with biology. Nauch.
dokl. vys. shkoly; biol. nauki no.3:210-212 '60.

(MIRA 13:8)

(Biological research)

PEGEL', V.A.; REMOROV, V.A.

Effect of the warming up and cooling of water on gas exchange and lactic acid concentration in the blood of fishes adapted to a definite temperature. Nauch. dokl. vys. shkoly; biol. nauki no. 1:58-61 '61. (MIRA 14:2)

1. Rekomendovana kafedroy fiziologii cheloveka i shivotnykh Tomskogo gosudarstvennogo universiteta im. V.V. Kuybysheva.
(FISHES-~~PHYSIOLOGY~~) (BODY TEMPERATURE-~~REGULATION~~)
(ADAPTATION(BIOLOGY))

PEGEL', V.A.; KSENTS, S.M.

Age-related variations in visceral reflexes. Nauch. dokl. vys.
shkoly; biol. nauki no.4:71-76 '61. (MFA 14:11)

1. Rekomendovana kafedroy fiziologii cheloveka i zhivotnykh
Tomskogo gosudarstvennogo universiteta im. V.V.Kuybysheva.
(VASOMOTOR DRUGS) (AGE)

PEGEL, V.A.; DOKSHINA, G.A.

Influence of radon on the temperature of the internal organs in
animals. Med.rad. no.11:54-58 '61. (MIRA 14:11)

1. Iz kafedry fiziologii cheloveka i zhivotnykh Tomskogo gosu-
darstvennogo universiteta.

(RADON..PHYSIOLOGICAL EFFECT)

PEGEL', V.A.; REMOROV, V.A.; LOPUKHOVA, V.V.

Effect of a change in water pressure on the gas exchange in fishes.
Nauch. dokl. vys. shkoly; biol. nauki no.1:62-64 '64.

(MIRA 17:4)

1. Rekomendovana kafedroy fiziologii cheloveka i zhivotnykh Tomskogo
gosudarstvennogo universiteta im. V.V.Kuybysheva.

PEGEL', V.A.; KSENTS, S.M.; DOKSHINA, G.A.

Effect of radon on thermoregulatory polypnea in dogs. Fiziol.
zhur. 50 no.1:102-105 Ja '64. (MIRA 18:1)

1. Kafedra fiziologii cheloveka i zhivotnykh Gosudarstvennogo
universiteta, Tomsk.

1401'WON, P.O.; 1965.

Effect of ...
and development ...
165.

1. Institut experimental ...

PEGEL'MAN, S. G.

25642. PEGEL'MAN, S. G. Viliyanie temperatury i pitaniya na vnutrennie organy i reaktsii krovi u nekofovykh gryzunov. Trudy Vsesoyuz. in-ta zashchity rasteniy, vyp.2, 1949, s. 152-56- Bibliogr: 6 nazv.

S0: Letopis' Zhurnal' Nykh Statey, Vol. 34, Moskva, 1949.

CA

117

Some growth requirement characteristics of the social field mouse (*Microtus socialis*) under varying temperature conditions. I. Ya. Polyakov and S. G. Pegel'man. *Zhur. Obshch. Biol. (J. Gen. Biol.)* 11, 419 61(1957). Young and adult mice differ significantly in metabolic and respiratory responses to temp. changes. Their optimum temp. is 15-16°. Above 30° test mice lost weight; heart, lungs, and liver were nearly const. in fat content, but protein N and sugar decreased considerably. Adults endured cold well (-3 to 3°); the av. rise in body temp. was 0.6°. New-born mice, in separate test lots at temps. from -5 to 35°, showed a sharp change in temp. response when their eyes opened.

Julian F. Smith

1957

POLYAKOV, I.Ya.; FEGEL'MAN, S.G.

Some changes in physiological features of field voles (*Microtus arvalis* and *Microtus socialis*) in the process of individual development. Zool. zhurn. 32 no.6:1259-1266 N-D '53. (MIRA 6:12)

1. Laboratoriya prognosov razmnosheniya massovykh vreditel'ey sel'sko-khozyaystvennykh kul'tur Vsesoyuznogo nauchno-issledovatel'skogo instituta sashchity rasteniy. (Field mice)

PEGEL'MAN, S.G.

Distribution by colonies and destructive activity of the lesser
suslik in the Ukraine. Zool.shur.³⁴ no.5 S-O '55. (MLRS 9:1)

1.Vsesoyuznyy institut zashchity rasteniy.
(Ukraine---Susliks)

L 34883-66

ACC NR: AT6013038

SOURCE CODE: UR/0000/65/000/000/0077/0088

AUTHOR: Pegel'man, S. G.—Poogelmann, S.

ORG: none

TITLE: Species irradiation effect in wild rodents

SOURCE: AN EstSSR. Institut eksperimental'noy biologii. Vliyaniye gamma-oblucheniya na organizmy (Effect of gamma rays on the organism). Tallinn, 1965, 77-88, and insert following p. 88

TOPIC TAGS: radiation sensitivity, irradiation effect, experiment animal, medical experiment, *RODENT*

ABSTRACT: The irradiation effect in wild species of rodents was investigated. Mice, rats, hamsters, rabbits, and guinea pigs, used in laboratory tests, showed various degrees of radiation sensitivity. Steppe lemmings (*Lagurus lagurus* Pall.) were used for experiments. Their radiation sensitivity was compared with that of albino mice, which have been intensively examined by many investigators. It was found that steppe lemmings are more sensitive to the effects of radiation than are mice. Changes in the organism caused by the irradiation effect are similar in mice irradiated with a dose of 600 r and in lemmings irradiated with a dose of 800 r. It was found that the spleen and the thymus are the most sensitive organs. The effect of a 1000-r dose in lemmings is almost 100% lethal. The most resistant age of lemmings and mice was

Card 1/2

L 34883-66

ACC NR: AT6013038

the preadult period of development. Orig. art. has: 4 figures and 1 table.
[Based on author's abstract.]

SUB CODE: 06/ SUBM DATE: 30Jul65/ ORIG REF: 010/ OTH REF: 002

Card 2/2

L 34884-65

ACC NR: AT6013040

SOURCE CODE: UR/0000/65/000/000/0095/0104

AUTHOR: Pegel'man, S. G. — Poogelmann, S.; Vakhér, Yu. I. — Vaher, U.

ORG: none

TITLE: Delayed effects of gamma irradiation on chicks

SOURCE: AN EstSSR. Institut eksperimental'noy biologii. Vliyanie gamma-oblucheniya na organizmy (Effect of gamma rays on the organism). Tallinn, 1965, 95-104

TOPIC TAGS: medical experiment, gamma irradiation, irradiation effect, *EXPERIMENT ANIMAL*

ABSTRACT: Changes have been investigated in the body weight and egg production in adult hens after a one-time, whole-body γ -irradiation of 12-day-old chicks, with different doses (from 5 to 100 r). Marked differences were noted in the body weight of chicks exposed to different doses of γ -radiation. Large irradiation doses caused a weight loss. Small doses caused an increase in body weight at a higher rate than in nonirradiated control chicks. A statistically significant linear regression of body weight with a dose from 20 to 1000 r was observed, which regression had not disappeared 16 months after irradiation. Both the irradiated and nonirradiated chicks began to lay eggs at the same time, and the egg production was similar. Both the weight

Card 1/2

L 34884-66

ACC NR: AT6013040

of the eggs and the weight of the chicks at hatching time differed in irradiated and nonirradiated birds, corresponding to the irradiation dose. This correlation between the egg and chick weight and the irradiation dose is conditioned not by the irradiation effect, but by the body weight of the hens, which is affected by irradiation early in life. Orig. art. has: 5 figures and 1 table. [Based on author's conclusions] [NT]

SUB CODE: 06/ SUBM DATE: 30Jul65/ ORIG REF: 005/ OTH REF: 005

Card 2/2

PEGEL'MAN, S.G.

Reaction of chicks to ultraviolet rays as related to the difference of breed. Agrobiologia no.4:548-552 J1-Ag '63. (MIRA 16:9)

1. Institut eksperimental'noy biologii Akademii nauk Estonskoy SSR, pochtovoye otdeleniya Kharku.

(Poultry breeds)

(Ultraviolet rays--Physiological effect)

PEGEL'MAN, S.G., kand. sel'skokhozyaystvennykh nauk

Effect of living conditions on the resistance of voles to
cultures of bacteria which kill mice. *Trudy VIZR* no.12:
151-160 '58. (MIRA 13:5)
(Field mice) (Bacteria, Pathogenic)

PEGEL'MAN, S.G. [Pöogelmann, S.], red.; SEVAST'YANOV, A., red.

[Studies of animal physiology] Issledovaniia po fiziologii zhivotnykh. Tallinn, 1964. 138 p. (MIRA 1965)

1. Eesti NSV Teaduste Akadeemia. Eksperimentaalbioloogia Instituut.

PEGEL'MAN, S.G., kand.sel'skokhozyaystvennykh nauk; BOBOVICH, V.T.,
mladshiy nauchnyy sotrudnik

Effect of the physiological condition of the rodent on the
virulence of the bacteria. Trudy VIZR no.12:161-163 '58.
(MIRA 13:5)

(FIELD MICE--DISEASES AND PESTS) (SALMONELLA)

ACC NR: AT6013 39

SOURCE CODE: UR/0000/65/000/000/0089/0093

AUTHOR: Pegel'man, S. G.--Pogelmann, S. B

ORG: none

TITLE: Effect of blood transfusion from irradiated hens on the radiation sensitivity of chicks

SOURCE: AN Est93R. Institut eksperimental'noy biologii. Vliyaniye gamma-oblucheniya na organizmy (Effect of gamma rays on the organism). Tallinn, 1965, 89-93

TOPIC TAGS: medical experiment, blood, radiation sensitivity, irradiation effect, gamma irradiation, blood transfusion, *EXPERIMENT ANIMAL*

ABSTRACT: The effect of blood transfusion from irradiated hens on the radiation sensitivity of chicks has been investigated. Young New Hampshire chicks were exposed to Gamma irradiation (800--1000 r). The following year the blood of those irradiated hens was injected into 20-day old Australorp chicks. A second group of chicks got blood from nonirradiated adult hens; nontreated chicks made up the control group. The day after the blood transfusions, all three groups of chicks were exposed to γ -irradiation. The lethal effect of irradiation was highest in the chicks injected with blood from non-irradiated hens (93%) and almost as high in non-treated chicks (86%). The chicks injected with blood from irradiated hens were the most

Card 1/2

ACC NR: AT6013039

resistant to the radiation effect (68% lethal). Orig. art. has: 1 figure. [Based
on author's conclusions.] [NT]

SUB CODE: 06/ SUBM DATE: 30Jul65/ ORIG REF: 001/ OTH REF: 002

Card

2/2

RPB

PEKHEV, M.M., podpolkovnik med. sluzhby

Neuroses in the North. Voen.med.zhur. no.12:85 D '55
(MIRA 12:1)

(KAMCHATKA--NEUROSES)

PEGGEL', GYUNTER [Pöggel, Günter]

For peace, welfare and happiness. Sov. profsoiuzy 17 no.18:36-
37 S '61. (MIRA 14:8)

1. Glavnyy redaktor zhurnala "Di Arbeyt".
(Germany, East—Trade unions)
(Germany, East—Socialist competition)

PEGLOVSKIY, V.I., 1921.

Testing the performance of the reflective of plastic film.
Kozh.-obuv. prom. 6-1974, No. 1, p. 15.

BEGLONSKIY, V.L. [Pechlovskiy, V.L.]; SELENO, V.P.; TICHOMIROV, A.A.;
KOPYLOV, V.D.

Technology of the manufacture of press-molds for plastics. Leb.
prom. no.4:44-47 0-1 '65. (NIS 1961)

PEGLOVSKIY, V.L., inzh.; KAPUSTIN, I.I., doktor tekhn. nauk

Shrinkage and precision of plastic lasts. Kosh.-obuv. prom.
7 no.12:19-23 D '65. (MIRA 19:2)

PEGLOVSKIY, V.L. [Pehlovs'kiy, V.L.]

Advanced trends in the development of plastic shoe lasts. Len. : rom.
no.3:75-77 J1-S '64. (MIRA 17:10)

PEGLOVSKIY, V.L. [Pehlows'kyi, V.L.]; PEKISHEV, R.O.

Modification of polyethylene for the manufacture of lasts and
heels. Leh. prom. no.4:29-30 O-D '64 (MIRA 18:1)

PEGLOVSKIY, V.L. (Pehlora'kyi, V.L.)

Use of plastics in shoe manufacture. Leh. prom. no.2:83-85
Ap-Je '63. (MIRA 16:7)

1. Ukrainskiy nauchno-issledovatel'skiy institut kozhevenno-
obuvnoy promyshlennosti.
(Shoe manufacture) (Plastics)

KAPUSTIN, I.I., doktor tekhn. nauk; PEGLOVSKIY, V.I., aspirant

Ways to improve the molding equipment in shoe manufacture.
Kozh.-obuv. prom. 7 no.9:35-38 S '65. (MIFA 12.1)

I. 3400-65 Ent(m)/LFF(c)/EWP(j)/T PC-4/PX-4 PM
ACCESSION NR: AP5006078 8/0204/65/005/001/0062/0067

AUTHOR: Kryukov, Yu. B.; Bashkirov, A. N.; Fridman, R. A.; Liberov, L. G.;
Smirnova, R. M.; Pegov, A. A.

TITLE: Study of the mechanism of synthesis of organic compounds from CO and hydrogen using labeled ethyl alcohol

SOURCE: Neftekhimiya, v. 5, no. 1, 1965, 62-67

TOPIC TAGS: organic synthesis, carbon monoxide, hydrocarbon synthesis, catalytic hydrogenation, hydrogen exchange, deuterium, radiocarbon, alcohol dehydration

ABSTRACT: The synthesis of organic compounds from carbon monoxide and hydrogen on the surface of a non-specified catalyst was studied by measuring the hydrogen exchange between reacting compounds and the participation of ethanol carbon in the formation of the synthesis products. Labeled ethanols $\text{CH}_3\text{C}^{14}\text{D}_2\text{OH}$ and $\text{CD}_3\text{C}^{14}\text{H}_2\text{OH}$ were prepared and introduced into a flow reactor at 20 atm, 184C, 2000 hr⁻¹ flow rate and a CO:H₂ ratio of 1:2 i.e., under conditions where both hydrocarbons and alcohols are formed, and at atmospheric pressure, 270C, a CO:H₂ ratio of 1:1.75, and a flow rate of 300 hr⁻¹. The products, comprising CH₄ and C₂-C₄ alkanes and alkenes, C₅-C₉ hydrocarbons, H₂O, C₂-C₃ alkanols, and alkanols and hydrocarbons of

Cord 1/2

L 34000-65

ACCESSION NR: AP500607E

> 150C boiling point, were analyzed by radioactivity measurements, densimetry and mass spectroscopy. The molar activity of the hydrocarbons or higher alcohols formed was shown to be constant, indicating the growth of the carbon chain primarily from the α -carbon of alcohol and suggesting the general validity of this mechanism, which had been observed in previous studies. Hydrogen exchange was shown to involve the intermediate oxygen compounds formed and to proceed at a much higher rate than the growth of the chain. The results indicated that both α - and β -hydrogen participate in the hydrogen exchange and dehydration reactions of alcohol and that the reactions of dehydration, hydrogen exchange and participation of alcohol in the synthesis of hydrocarbons from carbon monoxide and hydrogen are similarly affected by reaction conditions. Orig. art. has: 3 tables and 1 formula.

ASSOCIATION: Institut neftekhimicheskogo sinteza im. A. V. Topchiyeva, AN SSSR
(Petrochemical synthesis institute, AN SSSR)

SUBMITTED: 03Aug64

ENCL: 00

SUB CODE: 0C

NO REF SOV: 006

OTHER: 002

Cord 2/2

PEGOV, A.M.

Cultural and educational work is the most important task of the Soviets.
Gor.khoz.Mosk. 37 no.10:10-11 O '63. (MIRA 17:2)

1. Sekretar' Ispolnitel'nogo komiteta Moskovskogo gorodskogo Soveta
deputatov trudyashchikhsya.

PEGOV, A. S.

Samonarezaiushchie vinty. Moskva, Mashgiz, 1949. 70 p. illus.

Bibliography: p. [71].

Self-tapping screws.

DIC: TJ1338.P4

SO: Manufacturing and Mechanical Engineering in the Soviet Union, Library of Congress, 1953.

PEGOV, A.S.

DESR/ Engineering - Cutting tools

Card 1/1 Pub. 103 - 16/25

Authors : Pegov, A. S.

Title : ~~XXXXXXXXXXXXXXXXXXXX~~
Cutting tools for cutting buttress screw-threads

Periodical : Stan. 1 instr. 1, page 31, Jan 1955

Abstract : A description is presented of the configuration, installation and adjustment of cutting tools made of the T15K6 alloy, designed for cutting buttress screw-threads on a screw-cutting lathe. Table, drawings.

Institution :

Submitted :

PEGOW,, A.S., inzhener.

Cleaning castings by wet sandblast. Lit.proizv. no.7:31-32 J1 '56.
(Sandblast) (MIRA 9:9)

PEGOV, N.

VOROSHILOV, K.; PEGOV, N.

Decree of the Supreme Soviet of the U.S.S.R. on the awarding of orders and medals to scientific workers of the Academy of Sciences of the Kazakh. S.S.R. Vest. AN Kazakh. SSR 11 no.1:3-4 Ja '54.

(MLRA 7:2)

1. Predsedatel' Prezidiuma Verkhovnogo Soveta SSSR (for Voroshilov).
2. Sekretar' Prezidiuma Verkhovnogo Soveta SSSR (for Pegov).
(Academy of Sciences of the Kazakh S.S.R.)
(Decorations of honor)

INSTITUTE, I.A.: WEEK 1, .G. 1977, 7.00: 101 7.00, 7.00...

Refining steel by synthetic steel technology